Remove

Party of Interest under 35 U.S.C. 118

Active US Military Service

Suffix

Family Name

TAKAHASHI

Non US Residency

JΡ

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Application Data Sheet 37 CFR 1.76 | | Attorney Docket Number | 70404.105/ha | | |
|---|--|-------------------------|--|--|--|
| | | Application Number | | | |
| Title of Invention | | CONDITION DETECTION AND | FION DETECTION AND DISPLAY METHOD, DISPLAY SYSTEM, AND STORAGE MEDIUM | | |
| The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application. | | | | | |

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to

37 CFR 5.2 (Paper filers only, Applications that fall under Secrecy Order may not be filed electronically.)

Secrecy Order 37 CFR 5.2

| Applic | ant Inform | ation: | | | | | | | | | |
|----------|-----------------|-----------|-------|-------------|---------------|----------|----------------------|----------|-------------|-------------------------------|----------|
| Applica | nt 1 | | | | | | | | | Remove | |
| Applica | nt Authority 💽 | Inventor | OL | egal | Representativ | e und | er 35 l | J.S.C. 1 | 17 (| Party of Interest under 35 U. | S.C. 118 |
| | Given Name | 1 | | Middle Name | | | | Fami | Family Name | | |
| | Takeshi | | | | | | | | YAMA | AMOTO | |
| Reside | nce Informatio | n (Select | One) | 7 | US Residend | Э | No | n US Re | esidency | Active US Military Servi | ce |
| City | Soraku-gun | | | Co | untry Of Re | esider | ncei | JP | | | |
| Citizens | ship under 37 C | FR 1.41(k | o) i | JP | | | | | | | |
| Mailing | Address of Ap | plicant: | | | | | | | | | |
| Addres | s 1 | 37-32, 6- | -chom | e Hik | aridai Seika- | cho | | | | | |
| Addres | s 2 | | | | | | | | | | |
| City | Soraku-gun | | | | | | State | e/Provi | ince | | |
| Postal (| Code | 619-023 | 7 | | | Cou | ıntry ⁱ | JP | | | |
| Applica | nt 2 | | | | | 1 | | I | | Remove | |
| | nt Authority ① | Inventor | | egal | Representativ | e und | er 35 l | J.S.C. 1 | 17 (| Party of Interest under 35 U. | S.C. 118 |
| | Given Name | | | | Middle Na | me | | | Fami | ly Name | Suffix |
| | Aki | | | | MIAK | | | | E | | |
| Reside | nce Informatio | n (Select | One) | 7 | US Residend | Э (| No | n US Re | esidency | Active US Military Servi | ce |
| City | Nara-shi | | | Co | untry Of Re | esider | icei | JP | | | |
| Citizens | ship under 37 C | FR 1.41(k | o) i | JP | | | | | | | |
| Mailing | Address of Ap | plicant: | l | | | | | | | | |
| Addres | s 1 | 1-2-30, 0 | Gakue | nmid | origaoka | | | | | | |
| Addres | s 2 | | | | | | | | | | |
| City | Nara-shi | I | | | | | State | e/Provi | ince | | |
| Postal (| Code | 631-0026 | 6 | | | Cou | ıntry ⁱ | JP | | | |

Legal Representative under 35 U.S.C. 117

Middle Name

Country Of Residence

US Residency

City

Prefix

Applicant 3

Applicant Authority • Inventor

Residence Information (Select One)

Given Name

Toshiya

Soraku-gun

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Application Data Sheet 37 CFR 1.76 | | | 76 At | Attorney Docket Number 70404.105/ha | | | | | | | |
|---|--|---|--|-------------------------------------|--|---------------------------|--|---|-----------------------------|---|----------------------|
| | | | | . A | Application Number | | | | | | |
| Title of | Invention | | | | | | | | | TECTION AND DISPLAY METH Y SYSTEM, AND STORAGE M | |
| | | | ORING TH | | | | | ION AND | DISPLA | 1 STOTEW, AND STORAGE WI | |
| Citizer | Citizenship under 37 CFR 1.41(b) i JP | | | | | | | | | | |
| | Mailing Address of Applicant: | | | | | | | | | | |
| Addres | Address 1 95, Oazasatokoazanakamori Kamo-cho | | | | | | | | | | |
| Addres | Address 2 | | | | | | | | | | |
| City | Soral | ku-gun | | | | | Stat | e/Provir | ice | | |
| Postal | Code | | 619-115 | 2 | | | Country | JP | | | |
| Applic | ant 4 | | | | | | | | | Remove | |
| Applic | ant Autho | rity 💿 | Inventor | Legal | Represe | entativ | e under 35 l | J.S.C. 11 | 7 | Party of Interest under 35 U.S. | C. 118 |
| Prefix | Given Na | | | | Middl | le Nar | ne | | Family | y Name | Suffix |
| | Megumi | | | | | | | | ITOH | | |
| Resid | ence Info | matio | n (Select | One) |) US Res | sidency | y 💿 No | n US Re | sidency | Active US Military Service | ! |
| City | Nara-shi | | | C | ountry (| Of Re | sidencei | JP | | | |
| Citizer | ship und | er 37 C | FR 1.41(| b) i Ji |) | | | | | | |
| Mailing | g Address | of Ap | plicant: | ! | | | | | | | |
| Addres | ss 1 | | 606-56-3 | 305, Sanjo | -cho | | | | | | |
| Addre | ss 2 | | | | | | | | | | |
| | | | | | | | | | | | |
| City | Nara | -shi | | | | | Stat | e/Provir | ice | | |
| City Postal | | -shi | 630-824 | 4 | | | Stat Country ⁱ | e/Provir | ice | | |
| | Code | -shi | 630-824 | 4 | | | | 1 | ice | Remove | |
| Postal Applic | Code | | | | l Represe | entativ | | JP | | Remove Party of Interest under 35 U.S. | C. 118 |
| Postal Applic | Code ant 5 ant Autho | rity | | | Represe | | Countryi e under 35 l | JP | 7 (| | |
| Postal Applic | Code ant 5 ant Autho | rity | | | | | Countryi e under 35 l | JP | 7 (| Party of Interest under 35 U.S. y Name | C. 118 Suffix |
| Postal Applic Applic Prefix | Code ant 5 ant Autho | rity | Inventor | Legal | | le Nar | Countryi e under 35 t | JP | 7 C | Party of Interest under 35 U.S. y Name | Suffix |
| Postal Applic Applic Prefix | Code ant 5 ant Autho Given Na Mitsukazu | rity | Inventor | Cone) | Middl Middl US Res | l e Nar sidency | Countryi e under 35 l | JP J.S.C. 11 | 7 C | Party of Interest under 35 U.S. y Name A | Suffix |
| Postal Applic Applic Prefix Resid City | Code ant 5 ant Autho Given Na Mitsukazu | rity • nme rmatio | Inventor | One) C | Middl Middl US Resountry (| l e Nar sidency | Countryi e under 35 t | JP J.S.C. 11 on US Res | 7 C | Party of Interest under 35 U.S. y Name A | Suffix |
| Postal Applic Applic Prefix Resid City Citizer | Code ant 5 ant Autho Given Na Mitsukazu ence Infoi | rity • nme matio | n (Select | One) C | Middl Middl US Resountry (| l e Nar sidency | Countryi e under 35 t | JP J.S.C. 11 on US Res | 7 C | Party of Interest under 35 U.S. y Name A | Suffix |
| Postal Applic Applic Prefix Resid City Citizer | Code ant 5 ant Autho Given Na Mitsukazu ence Infor Ikoma-shi nship unde | rity • nme matio | n (Select FR 1.41(I | One) C | Middl Output Discountry (| l e Nar sidency | Countryi e under 35 t | JP J.S.C. 11 on US Res | 7 C | Party of Interest under 35 U.S. y Name A | Suffix |
| Postal Applic Applic Prefix Resid City Citizer Mailing | Code ant 5 ant Autho Given Na Mitsukazu ence Infor Ikoma-shi nship under | rity • nme matio | n (Select FR 1.41(I | One) C | Middl Output Discountry (| l e Nar sidency | Countryi e under 35 t | JP J.S.C. 11 on US Res | 7 C | Party of Interest under 35 U.S. y Name A | Suffix |
| Postal Applic Applic Prefix Resid City Citizer Mailing | Code ant 5 ant Autho Given Na Mitsukazu ence Infor Ikoma-shi nship under | rity • nme matio er 37 C of Ap | n (Select FR 1.41(I | One) C | Middl Output Discussion of the control of the con | l e Nar sidency | Countryi e under 35 t ne y • No | JP J.S.C. 11 on US Res | 7 Family OKUD sidency | Party of Interest under 35 U.S. y Name A | Suffix |
| Postal Applic Applic Prefix Resid City Citizer Mailing Addres | Code ant 5 ant Autho Given Na Mitsukazu ence Informa-shi nship under g Address ss 1 ss 2 | rity • nme matio er 37 C of Ap | n (Select FR 1.41(I | One) Cob) i Ji | Middl Output Discussion of the control of the con | l e Nar sidency | Countryi e under 35 t ne y • No | JP J.S.C. 11 on US Res | 7 Family OKUD sidency | Party of Interest under 35 U.S. y Name A | Suffix |
| Postal Applic Applic Prefix Resid City Citizer Mailing Addres Addres | Code ant 5 ant Autho Given Na Mitsukazu ence Informationship under g Address ss 1 ss 2 Ikoma Code | rity • nme matio er 37 C of Ap | n (Select FR 1.41(I plicant: 1-15-10, | One) Cob) i Ji | Middl Output Discussion of the control of the con | l e Nar sidency | e under 35 to me y No sidence | JP J.S.C. 11 on US Res | 7 Family OKUD sidency | Party of Interest under 35 U.S. y Name A | Suffix |
| Postal Applic Applic Prefix Resid City Citizer Mailing Addres Addres City Postal Applic | Code ant 5 ant Autho Given Na Mitsukazu ence Informationship under g Address ss 1 ss 2 Ikoma Code | rity • ame rmatio er 37 C of Ap | n (Select FR 1.41(I plicant: 1-15-10, | One) Cob) i Jii | Middl US Resountry (| le Nar | e under 35 to me y No sidence | JP J.S.C. 11 on US Res JP e/Provir | 7 CFAMILY OKUD Sidency | Party of Interest under 35 U.S. y Name A Active US Military Service | Suffix |
| Postal Applic Applic Prefix Resid City Citizer Mailing Addres Addres City Postal Applic | Code ant 5 ant Autho Given Na Mitsukazu ence Informationship under g Address ss 1 ss 2 Ikoma Code ant 6 ant Autho | rity • ame matio er 37 C of Ap | n (Select FR 1.41(I plicant: 1-15-10, | One) Cob) i Jii | Middl US Resountry (| le Nar | Countryi e under 35 to ne y • No sidencei Stat Countryi e under 35 to | JP J.S.C. 11 on US Res JP e/Provir | 7 C | Party of Interest under 35 U.S. y Name A Active US Military Service | Suffix |
| Postal Applic Applic Prefix Resid City Citizer Mailing Addres City Postal Applic Applic | Code ant 5 ant Autho Given Na Mitsukazu ence Informationship under g Address ss 1 ss 2 Ikoma Code ant 6 ant Autho | rity • ame matio er 37 C of Ap | n (Select FR 1.41(I plicant: 1-15-10, | One) Cob) i Jii | Middl US Resountry (| le Nar | Countryi e under 35 to ne y • No sidencei Stat Countryi e under 35 to | JP J.S.C. 11 on US Res JP e/Provir | 7 C | Party of Interest under 35 U.S. y Name A Active US Military Service Remove Party of Interest under 35 U.S. | Suffix C. 118 |
| Postal Applic Applic Prefix Resid City Citizer Mailing Addres City Postal Applic Applic Prefix | Code ant 5 ant Autho Given Na Mitsukazu ence Informaliship under g Address ss 1 ss 2 Ikoma Code ant 6 ant Autho Given Na | rity • mation of Ap | n (Select FR 1.41(I plicant: 1-15-10, | One) Cob) i Ji Shikanod | Middl US Resountry (| entative | Countryi e under 35 to me Stat Countryi e under 35 to me | JP J.S.C. 11 on US Res JP e/Provir | 7 Camily OKUD Sidency | Party of Interest under 35 U.S. y Name A Active US Military Service Remove Party of Interest under 35 U.S. | Suffix C. 118 Suffix |
| Postal Applic Applic Prefix Resid City Citizer Mailing Addres City Postal Applic Applic Prefix | Code ant 5 ant Author Given Na Mitsukazu ence Infor Ikoma-shi nship under g Address ss 1 ss 2 Ikoma Code ant 6 ant Author Given Na Takeshi | rity • matio er 37 C of Ap a-shi rity • ame | n (Select FR 1.41(I plicant: 1-15-10, | One) Cob) i Ji Shikanod 4 Cegal | Middl US Resountry (Coordinates) ainishi Represe Middl US Res | entative | Countryi e under 35 to me Stat Countryi e under 35 to me | JP J.S.C. 11 on US Res JP e/Provir JP J.S.C. 11 | 7 Camily OKUD Sidency | Party of Interest under 35 U.S. y Name A Active US Military Service Remove Party of Interest under 35 U.S. y Name | Suffix C. 118 Suffix |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | Attorney Docket Number | | | 70404.105/ha | | | | |
|--|---|---|---------------------------------------|-------------------------|-----------------------|------------------------------|----------|---------|-----------------------|
| Application Data | Application Number | | | 70404.10 | | | | | |
| Title of Invention Co | ONTROL PROGRAM FOR | IDITION DETECTION AND DISPLAY SYSTEM, CONDITION DETECTION AND DISPLAY METHOD, ITROL PROGRAM FOR CONDITION DETECTION AND DISPLAY SYSTEM, AND STORAGE MEDIUM RING THE CONTROL PROGRAM | | | | | | | |
| Mailing Address of A | pplicant: | | | | | | | | |
| Address 1 | 7-27, Ando-cho | | | | | | | | |
| Address 2 | | | | | | | | | |
| City Kashiwara- | shi | | Stat | e/Provin | ce | | | | |
| Postal Code | 582-0016 | | Country | JP | • | | | | |
| All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. | | | | | | | | | |
| Correspondence | Information: | | | | | | | | |
| | r Number or complete on see 37 CFR 1.33(a). | the Corre | espondenc | e Inform | nation se | ction belo | w. | | |
| An Address is be | eing provided for the co | orrespon | dence Info | rmation | of this a | pplication | - | | |
| Customer Number | 54072 | | | | | | | | |
| Email Address | uspto@kbiplaw.com | | | | | Add Ema | ail | Remov | e Email |
| Application Info | rmation: | | | | | | | | |
| Title of the Invention | CONDITION DETEC METHOD, CONTRO STORAGE MEDIUM | DL PROGE | RAM FOR C | ONDITION | N DETECT | | | | |
| Attorney Docket Num | ber 70404.105/ha | | S | mall Enti | ity Status | s Claimed | | | |
| Application Type | Nonprovisional | | ! | | | | | | |
| Subject Matter | Utility | | | | | | | | |
| Suggested Class (if a | ny) 345 | | S | ub Class | (if any) | | | | |
| Suggested Technolog | gy Center (if any) | 2600 | · · · · · · · · · · · · · · · · · · · | | | | | | |
| Total Number of Drav | ving Sheets (if any) | 10 | s | uggeste | d Figure | for Public | ation (i | if any) | 1 |
| Publication Information | on: | | <u> </u> | | | | | | - |
| Request Early Pul | blication (Fee required a | t time of F | Request 37 | CFR 1.2 | 19) | | | | |
| Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. | | | | | | | | | |
| this information in the App Enter either Custome | on should be provided fo | ot constitu ete the | te a power o Represen | of attorney tative N | in the app ame sec | olication (sec otion belo | e 37 CFI | | Providing sections |
| Please Select One: | Customer Number | r 🗆 | LIS Patent F | Practitione | r | LIS Repres | entative | (37 CEE | 2 11 (1) |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Application Data Sheet 37 CFR 1.76 | | Attorney Docket Number | 70404.105/ha |
|------------------------------------|-------|-------------------------|--|
| | | Application Number | |
| Title of Invention | | CONDITION DETECTION AND | TION DETECTION AND DISPLAY METHOD, DISPLAY SYSTEM, AND STORAGE MEDIUM |
| Customer Number | 54072 | | |

Domestic Priority Information:

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a) (4), and need not otherwise be made part of the specification.

| ` '' | ' ' | | | | | | |
|--|------------------------|--------------------------|--------------------------|--|--|--|--|
| Prior Application Status | Pending | | Remove | | | | |
| Application Number | Continuity Type | Prior Application Number | Filing Date (YYYY-MM-DD) | | | | |
| | a 371 of international | PCT/JP2005/002685 | 2005-02-15 | | | | |
| Additional Domestic Priority Data may be generated within this form by selecting the Add button. | | | | | | | |

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

| and of of the fooday. | | | | | | |
|--|-----------|---------------------------------|------------------|--|--|--|
| | | Re | move | | | |
| Application Number | Country i | Parent Filing Date (YYYY-MM-DD) | Priority Claimed | | | |
| 2004-045407 | JP | 2004-02-20 | ● Yes ○ No | | | |
| Additional Foreign Priority Data may be generated within this form by selecting the Add button. | | | | | | |

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office. Remove Assignee 1 If the Assignee is an Organization check here. $\overline{}$ Organization Name Sharp Kabushiki Kaisha **Mailing Address Information:** Address 1 22-22 Nagaike-cho Address 2 Abeno-ku City Osaka-shi, Osaka State/Province Country i Postal Code 545-8522 Phone Number Fax Number **Email Address** Additional Assignee Data may be generated within this form by selecting the Add Add button.

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.

PTO/SB/14 (08-05) Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Application Da | Application Data Sheet 37 CFR 1.76 | | 70404.105/ha |
|--------------------|------------------------------------|-------------------------|---|
| Application be | ita officet of of it 1.70 | Application Number | |
| Title of Invention | | CONDITION DETECTION AND | TION DETECTION AND DISPLAY METHOD, DISPLAY SYSTEM, AND STORAGE MEDIUM |

| Signature | /Joseph R. Keating #3 | 37,368/ | Date (YYYY-MM-DD) | 2006-08-17 | |
|------------|-----------------------|-----------|-------------------|---------------------|-------|
| First Name | Joseph | Last Name | Keating | Registration Number | 37368 |

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.